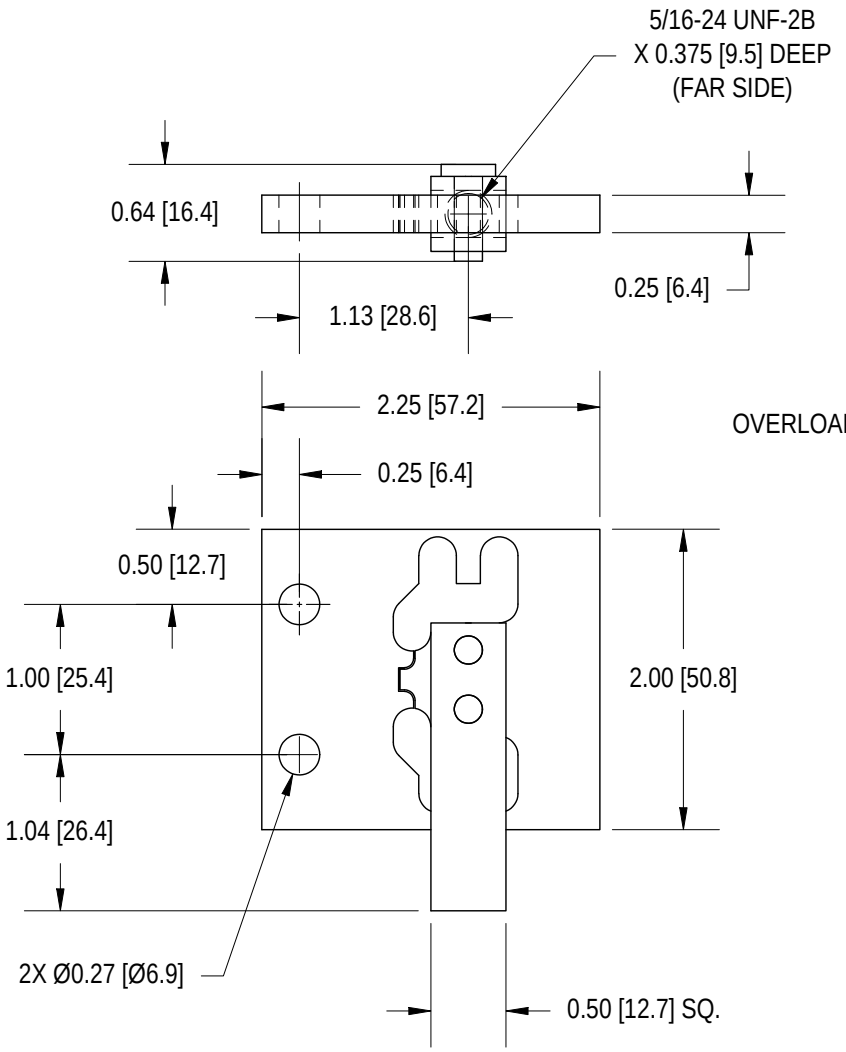
FUTEK MODEL LSM350

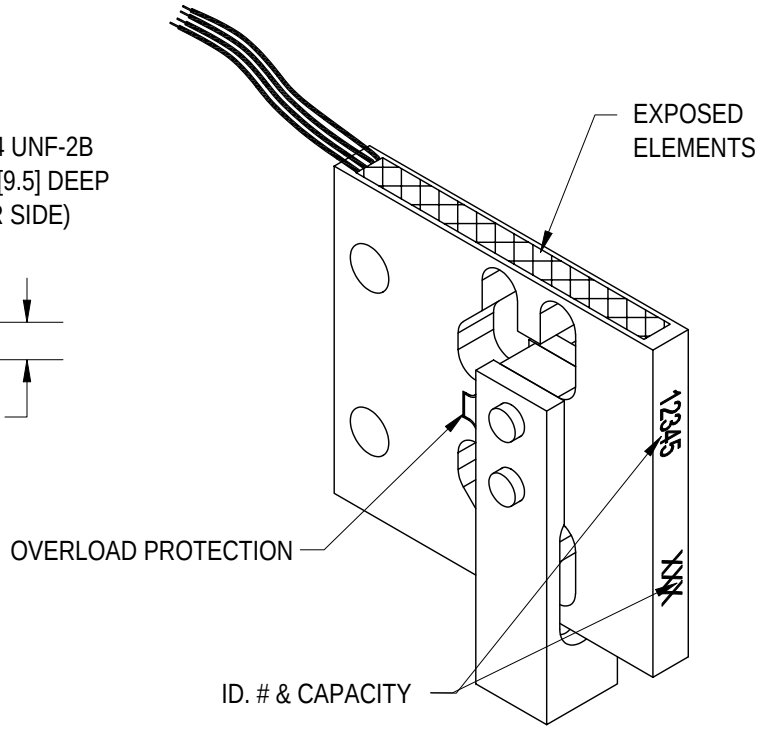
PARALLEL BEAM YOKED LOAD CELL W/ OVERLOAD PROTECTION (OEM)

(Previously L2342)

Drawing Number: FI1127	
INCH [mm]	R.O.= Rated Output

WIRING CODE (WC2)			
+Excitation	-Excitation	+Signal	-Signal
GREEN	BLACK	WHITE	RED





+ OUTPUT
(COMPRESSION)

- OUTPUT
(TENSION)

SPECIFICATIONS:

RATED OUTPUT	*1.5 mV/V nom.*
SAFE OVERLOAD	*750 lb*
ZERO BALANCE	*±2% of R.O.*
EXCITATION (VDC OR VAC)	*18 MAX*
BRIDGE RESISTANCE	*1000 Ω nom.*
NONLINEARITY	*±0.1% of R.O.*
HYSTERESIS	*±0.1% of R.O.*
NONREPEATABILITY	*±0.1% of R.O.*
CREEP	*±0.05% R.O.*
TEMP. SHIFT ZERO	*±0.015% of R.O./°F [0.03% of R.O./°C]*
TEMP. SHIFT SPAN	*±0.025% of LOAD/°F [0.04% of LOAD/°C]*
COMPENSATED TEMP.	*60 to 160°F [15 to 72°C]*
OPERATING TEMP.	*-60 to 200°F [-50 to 93°C]*
WEIGHT	*3.2 oz [90.7 g]*
MATERIAL	*ALUMINUM*
DEFLECTION	*0.006 to 0.011 [0.15 to 0.28] nom.*

CABLE: #29 AWG, 4 Conductor, Spiral Teflon Cable 6 [152.4] Long

ACCESSORIESAND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD)	*2 pt. TENSION ; 200KΩ SHUNT CAL. VALUE*
CALIBRATION (AVAILABLE)	*2 pt. COMPRESSION AVAILABLE*
CALIBRATION TEST EXCITATION	*10 VDC*

	CAPACITIES	
STK#	lb	N
FSH00986	2.2	9.8
FSH00987	10	44.5
FSH00988	50	222
FSH00989	100	445
FSH00990	200	890
FSH00991	500	2224

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

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